

LISTING OF THE CLAIMS:

Claim 1 (Original): A sheet polarizer having a great length, wherein the sheet polarizer has a transmission axis neither parallel nor perpendicular to the longitudinal direction.

Claim 2 (Original): The sheet polarizer according to claim 1, comprising at least a transparent substrate and a polymer layer having a polarization capability, wherein the polymer layer has a cross-linked structure.

Claim 3 (Original): The sheet polarizer according to claim 2, wherein the polymer layer comprises a polyvinyl alcohol or a modified polyvinyl alcohol.

Claim 4 (Original): The sheet polarizer according to claim 3, wherein the polyvinyl alcohol or the modified polyvinyl alcohol has a saponification degree of at least 95 %.

Claim 5 (Original): The sheet polarizer according to any of claims 2 to 4, wherein the cross-linked structure is formed by reaction between the polymer and a cross-linking agent.

Claim 6 (Original): The sheet polarizer according to claim 5, wherein the cross-linking agent is a boric acid compound.

Claim 7 (Currently Amended): The sheet polarizer according to any of claims 2, 3, 4 ~~and~~ or 6, wherein the polymer layer further comprises iodine.

Claim 8 (Currently Amended): The sheet polarizer according to any of claims 2, 3, 4 ~~and~~ or 6, wherein the polymer layer further comprises a dichroic dye.

Claim 9 (Original): The sheet polarizer according to claim 5, wherein the polymer layer further comprises iodine.

Claim 10 (Original): The sheet polarizer according to claim 5, wherein the polymer layer further comprises a dichroic dye.

Claims 11-18 (Canceled)

Claim 19 (Original): An optical film formed by comprising stretching a film comprising a polyvinyl alcohol or a modified polyvinyl alcohol at an oblique angle ranging from 10 to 80 degrees to the machine direction of the film.

Claim 20 (Original): A sheet polarizer comprising two transparent substrates and a polarization layer sandwiched between them, wherein the polarization layer comprises a polyvinyl alcohol film stretched at an oblique angle ranging from 10 to 80 degrees and a polarizing element adsorbed to the film in an oriented state.

Claim 21 (Original): The sheet polarizer according to claim 20, wherein at least one of the transparent substrates satisfies the following relations at any of wavelengths ranging from 380 nm to 780 nm:

$$-10 \leq (n_x - n_y) \times d \leq 10$$

$$0 \leq \{ (n_x + n_y)/2 - n_z \} \times d \leq 40$$

wherein d represents a thickness of the transparent substrate, each n represents a refractive index, x represents the machine direction of the transparent substrate, y represents the transverse direction of the transparent substrate, and z represents the thickness direction of the transparent substrate.

Claim 22 (Original): The liquid crystal display comprising a liquid crystal cell and two sheet polarizers arranged on both sides of the cell, wherein at least one of the two sheet polarizers is a sheet polarizer according to claim 20 or 21.